

**CONCEPTUAL FLOOR PLAN**

**24' MOBILE COMMAND POST**

**2 VEHICLES**

**DRAFT**

THIS IS NOT A PRE-SOLICITATION NOTICE. ANY GOVERNMENT REQUIREMENT FOR THESE ITEMS WILL BE ANNOUNCED AT A LATER DATE. NO OFFERS ARE REQUESTED OR WILL BE ACCEPTED AT THIS TIME. INFORMATION SUBMITTED BY A CONTRACTOR WILL NOT BE ACCEPTED BY THE GOVERNMENT TO FORM A BINDING CONTRACT.

Specifications  
for  
2 - EPA ERT  
24' Mobile Command Center

<b><u>Chassis</u></b>		Ford Superduty E450 Chassis or equivalent
	GVW:	14,050 lb.
	GCW:	20,000 lb.
	Brakes:	Anti-lock power, self-adjusting, front disc and rear disc
	Parking Brake:	Transmission drum
	Alternator:	130 amp
	Fuel Tank:	55 gallon capacity
<b><u>Engine</u></b>		
	V10 gas:	V10 Vortex 6.8L (415 CID) EFI gasoline, 265 hp or equivalent
	Battery:	72 Amp-hr heavy duty battery
	Transmission:	Automatic 4 speed over drive w/auxiliary transmission cooler
<b><u>Tires</u></b>		
	Tires:	(6) All weather LT225/75R x 16E BSW (10-ply)
	Wheels:	(6) 16.0 x 6K, dual rear wheels
<b><u>Wheel Base</u></b>		
	176"	176" wheel base
<b><u>Dimensions: *</u></b>		
	24	Overall length: 25'1"
		Overall height: 9'0" (10'2" w/roof air)
		Overall width: 112" w/mirrors extended
		Usable floor length: 187.5"
		Usable floor width: 88.75"
		Interior height: 76.5"
<b><u>Colors &amp; Materials</u></b>		

_____Exterior:	
Cab:	White clear coat metallic
Shell:	White fiberglass gel coat
_____Cab:	
Interior:	Light gray colored padded fabric
Floor:	Black ½" rubber matting
Interior:	
Walls:	Light gray colored padded fabric
Ceiling:	Light gray colored padded fabric
Floor:	Gray colored PVC rubber "diamond plate" flooring (Lonseal)
Furniture:	
Cpt. Chairs:	Solid gray colored fabric
Chairs:	Solid gray colored fabric
Cabinets:	Suede gray colored Formica
Counter Tops:	Suede gray colored Formica
Window Trim:	Gray metal venetian blinds

#### **Standard Accessories**

_____Driver & passenger seat air bags	AM/FM digital stereo w/cassette and CD
Chrome front bumper	player, clock speakers
Tinted cab windows	Power window and cab door locks
Tilt steering wheel	Auxiliary 12v dash outlet
In-dash,CFC free factory air conditioner	Intermittent wipers/washers
Power steering	Gauges: Ammeter, Oil Pressure, and
Cruise control	Coolant
Sun visors (2)	Deluxe, dual cup, engine cover console

#### **Standard Shell Specifications:**

Body:	Hand-molded fiberglass body, aerodynamically styled with side-sloping 6 degrees vertically.
Walls:	Paneling mounted on 2x2, 2x4, and 2x6 wood framing, screwed to ceiling and floors.
Roll bars:	2" tubular steel (11 gal.) roll bars lagged/bolted to floor and wall sections.
Water barrier:	Aluminum foil
Insulation:	Fiberglass bat in wall cavities
Roof:	One piece hand molded fiberglass w/3/4" plywood core and steel framing
Sub-floor:	One piece Cotec 3/4" plywood core, fiberglass finished, mounted on rubber bushings for a softer ride and to eliminate squeaking.
Seams:	All fiberglass seams are overlapped at least 1" and double sealed. Seam strips are double caulked to prevent water penetration.

Splash guard: Front and rear wheel well splash guards.

### **Exterior Options**

4 Wheel Drive: 4 wheel drive conversion w/all disc brakes  
Awning: (2) 14' A&E awning, color blue shadow  
Bumper, rear: 12" wide chrome/diamond plate bumper w/fold up step  
Cab-over sleeper: Cab-over sleeper w/gray mattress, curtain 2 chrome lights, and ladder.  
2 side windows, 1 front window  
Mirrors: Velvac® FMVSS approved, split rear view mirrors. 102" with power remote upgrade.  
Running boards: Fiberglass molded running boards on driver and passenger sides.  
Trailer hitch: Trailer hitch (3,000 lbs.) w/2" ball, wiring assembly and safety chain holes.  
Wheel rims: Set, chrome-plated wheel covers and lug nut

### **Doors, Windows, Hatches\***

Door: (1) Rear door, fiberglass (30") w/screen, 2 windows and deadbolt  
Door: (1) Side door, fiberglass (24") w/screen, 1 window and deadbolt  
Storage box: (1) Large sub-floor exterior storage box w/dual lock hatch  
Hatches: Fuel access hatch w/single lock  
Generator access hatch/nonlocking hatch  
Battery access hatch w/nonlocking hatch  
LP tank access hatch w/nonlocking hatch  
(1) External hatch (13"x31") w/dual locks, located on rear driver side  
Vents: (1) 3 speed, reversible, roof mounted 12VDC exhaust fan  
Windows: (2) slide window, w/screen, venetian blind

### **Climate Specifications**

AC: (2) 15,000 BTU roof air-conditioners with 5,600 BTU heat strip  
Heating: (1) 30,000 BTU LP furnace w/fan and wall thermostat  
LP: (1) 29 gallon LP Tank assembly w/2 stage regulator, ASME & DOT approved

### **Electrical Specifications**

Battery: (2) 12V, deep cycle 105 APH heavy duty batteries accessible from the external hatch on a slide-out tray for easier servicing  
Converter: (1) 75 amp/12 volt heavy duty converter & coach battery charger  
Breaker panel: (2) 45 amp breaker panel (6-120 volt breakers & 6-12 volt fuse)  
Generator: (1) 7KW gas generator (mounted below floor for more interior

room and quieter operation) w/2 amp battery charger, remote start and hour meter.

Isolator: (1) Isolator to protect engine battery from discharge.

Switch: (1) 3 position manual (\*generator/shore line/off)

Switch: (2) 6 position light switch panel, 1 = ceiling lights, 1 = scene and beacon lights

Shore Line: (1) 50 amp shore line (25") w/waterproof connector on street side w/50-30 amp & 30-15 amp reducers

### **Lights and Outlets**

Lights: (1) dual cab courtesy lights, 12 VDC

(2) outside door entry light, 12 VDC

18" fluorescent lights, 2-15 watts @ 12 vdc

Outlets: (2) 12V outlet, single, 1=front passenger desk, 1=front driver desk

(2) 120V exterior duplex in weather cover external, 1=rear, 1=side door

(3) 120V outlet strip, 1/workstation

Wiring: (1) 12 volt wiring for satellite phone in front passenger overhead

(1) 12 volt wiring for VHF radio driver side counter behind driver's seat

### **Safety Specifications**

Alarms: (1) Smoke alarm

(1) CO alarm

(1) LP gas alarm

(1) Security alarm

Fire Ext.: (1) Fire extinguisher

Curtain: (1) Security curtain, fabric on track that separates the cab from the rear area

### **Appliance Specifications**

Microwave: (1) Microwave, small (0.6 cuft), 110V

Refrigerator: (1) Refrigerator, 2 cf., 110/12V

### **Communication & Audio Video Specifications**

Antenna: (1) Roof mounted TV antenna with cabling to TV installed

Antenna: (1) install customer supplied satellite phone antenna with wiring to front passenger overhead cabinet

Antenna: (1) cell phone antenna with cable to front passenger desk

Antenna: (1) VHF radio antenna with cable to front driver desk behind driver seat

Land phone: All phone lines wired to labeled terminal strip in electrical cabinet

Interior: (3) jacks, single line/2 pair, 1/work station

Exterior: (1) jack, single line/2 pair, wired to and located outside of electrical cabinet

TV/VCR/DVD 13" color TV/VCR/DVD w/remote, AC/DC  
 Speakers: (2) Remote radio speakers, 1=rear passenger overhead cabinet, 1=front driver overhead cabinet

### **Plumbing Specifications**

None

### **Furniture Specifications\***

#### **Length/depth/height**

#### **Driver Side:**

Counter 60"x24"x30" Formica counter top  
 Cupboard: (1) TV/microwave/refrigerator closet  
 (1) Electrical cupboard  
 Closet: (1) 1 door lockable equipment closet w/3 shelves  
 (1) 2 door closet, w/3shelves (hatch to outside)

#### **Passenger Side:**

Desk: (1) Desk, 2 file drawers w/T-handles  
 Counter: (1) 72"x24"x36" Formica counter top w/12" flip-up leaf  
 Cupboard: (1) Furnace/storage cupboard, below 72" counter top  
 Closet: (1) Clothes closet w/clothes rod and door w/T-handle  
 Overhead: 14' overhead storage, w/door and T-handles  
 Beds: Over-cab bed w/ladder, mattress, (2) side windows, (2) lights  
 Chairs/Seats: (2) Non-pivoting high back Flexsteel captain chairs w/seat belts  
 (power driver & manual passenger)  
 (3) 5 leg fabric desk chair w/tie down strap  
 Drink Tray: (1) Dual cup drink tray located in center dash area  
 Hand Rail: (1) Chrome hand rail

### **Police Specifications**

Lights,  
 Beacon: (2) Amber beacon strobes, front & rear roof mounted with self-contained power supply  
 Lights, scene: (6) Surface mounted scene lights (Whelen #810)  
 Marker  
 Boards: (1) White dry erase marker board mounted on wall about 60" counter  
 (1) White dry erase marker board mounted on wall above 30" desk  
 (2) Rear driver closet doors covered w/dry white marker board

**Warranty\*\***

3 years/36,000 mile bumper to bumper warranty  
6 years/100,000 mile sheet metal corrosion warranty

12 months/12,000 miles limited warranty on workmanship

\_\_\_\_\_ 10 year limited warranty on fiberglass body for hail and chemical  
\_\_\_\_\_ penetration

\_\_\_\_\_ Appliances: \_\_\_\_\_ Manufacturer's warranty passed through

\* Dimensions are approximate and dependent on final specifications and are subject to change until order is accepted

\*\* Warranties are only applicable in the US unless otherwise stated.

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